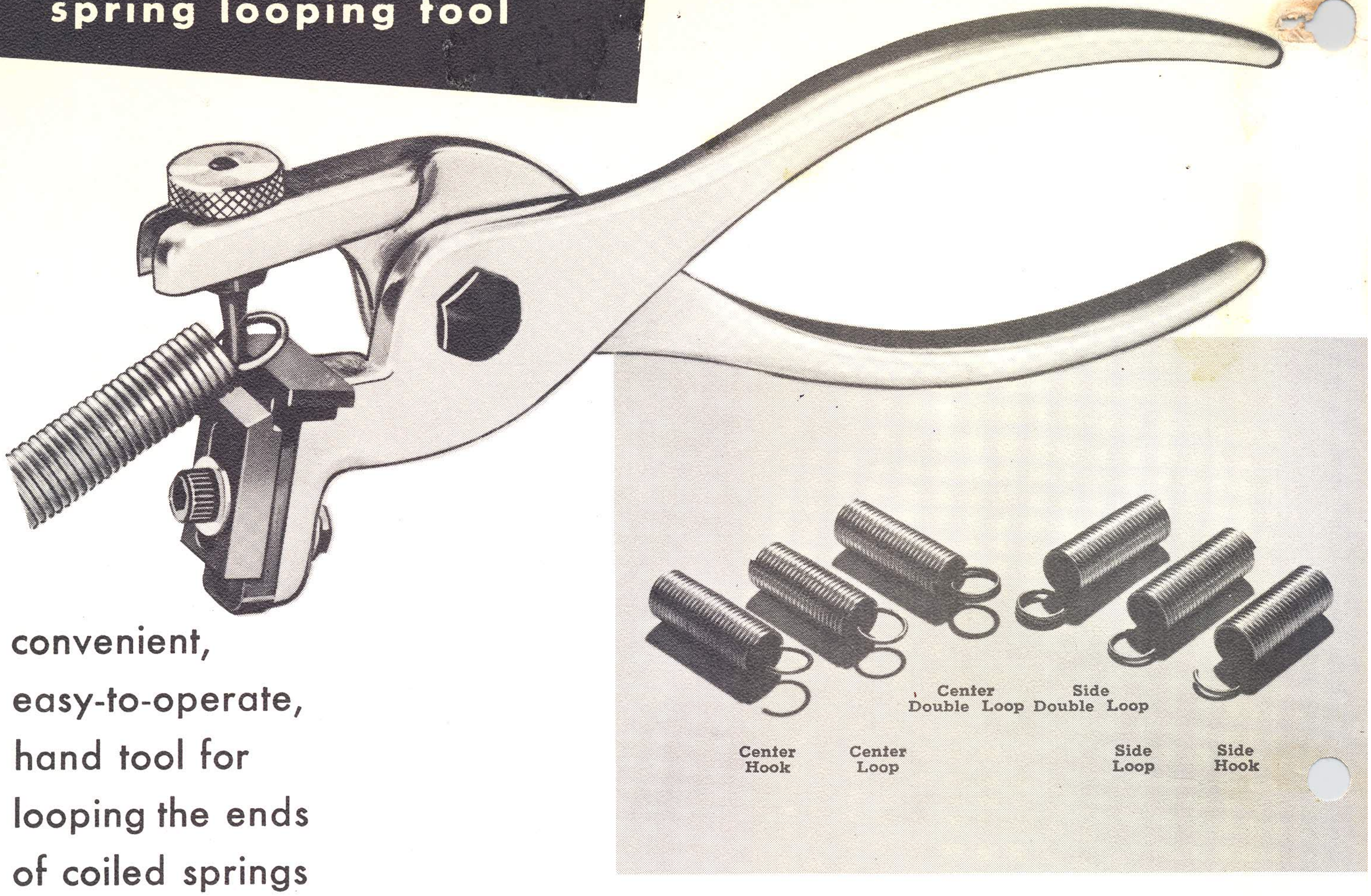
the "HOOK-KON" spring looping tool



convenient, easy-to-operate, hand tool for looping the ends of coiled springs

With a HOOK-KON Spring Looping Tool anyone can, with a little practice, form perfect loops—center single or double loops and half-loop hooks, or side loops or hooks—on the ends of coiled wire springs.

With this convenient tool an extension spring can be looped and the special spring is ready when you need it.

The finished spring is in every way equal in quality and strength to a factory made spring coiled and looped to specifications on production equipment.

The HOOK-KON, a precision-built forming tool, can bring a double savings to the Production Department, Tool Room, Design or Model Department, and Stock Room.

First: The special spring is available at stock spring costs, plus a few minutes time. Thus, eliminating the high costs involved when ordering one or two special springs at a minimum charge of several dollars or more.

Second: The special spring is available in a few minutes time instead of hours later. For the Production Department this means a saving in "down" time; for the Tool Room—prompt completion of special fixtures and tools; for the Model or Design Department—prompt and easy testing for determination of correct design and spring specifications; for the Stock Room—prompt filling of requisitions for special springs.

Consider the many places and the many times that a HOOK-KON could save time and money in your plant and you will surely want one or more of these economical tools available.

HOOK-KON Spring Looping Tool is light in weight, of convenient size, and built for long service. Its easy operation is described and illustrated with progressive photographs on the back of this page. Handles are of special heat treated aluminum alloy, while forming punches and anvil are of heat treated steel. (Shipping Weight, ½ lb.)

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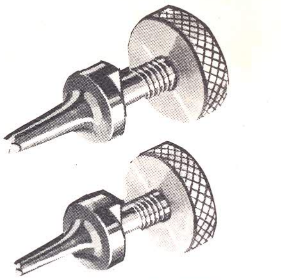

Fig. 1 FORMING PUNCHES

Use small forming punch for fine wire .025" or finer. Use large forming punch for wire ranging from .025" to .062" diameter. (Fig. 1)

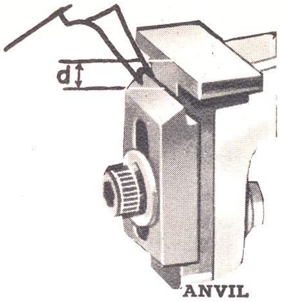

Fig. 2 ANVIL STOP SET SCREW

Set the top of the sliding block one-half the diameter of the spring plus the thickness of the wire, below the top of the anvil.

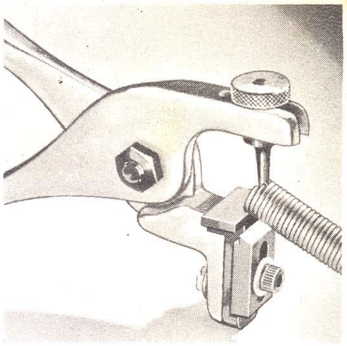

Fig. 3

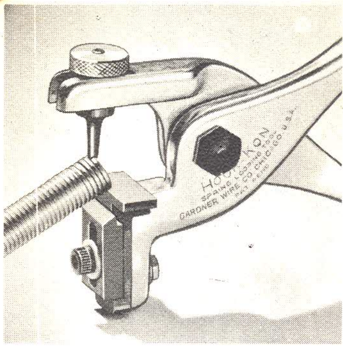

Fig. 4

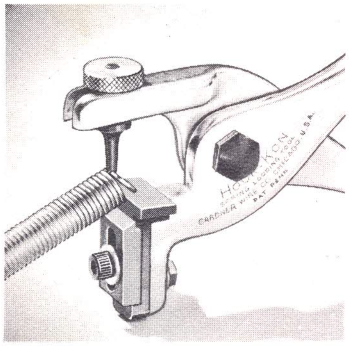

Fig. 5

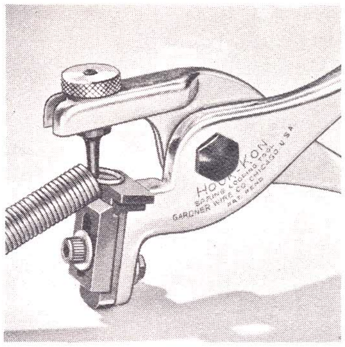

Fig. 6

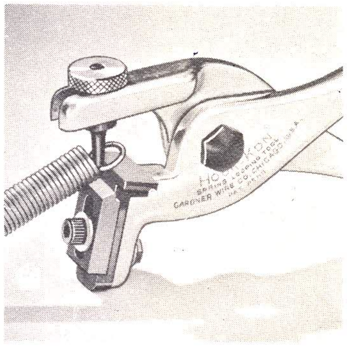

Fig. 7

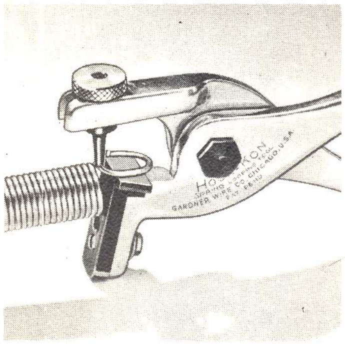

Fig. 8

LOOPS SPRINGS FROM 1/8" TO 1/2" O.D.

Anyone who can operate a pair of pliers can, with a little practice, make accurate length springs, with correctly looped ends, with a HOOK-KON Spring Looping Tool. There is no complex technique to be mastered. The tool itself does all the forming—guides and stresses the final turn of the wound spring into a "full" or "hook" loop, as desired, with one squeeze on the handles. Applying power thru approximately 4 to 1 leverage, this "hand tool" readily forms loops or hooks on springs up to ½" diameter made from wire up to .062" diameter. Two interchangeable forming punches are provided, the smaller one is for wire up to .025" diameter (Fig. 1).

Adjustment for spring diameter is made by loosening Set Screw and positioning the top of the sliding block one-half the diameter of the spring plus the thickness of the wire, below the top Anvil edge (Fig. 2). Adjust the forming punch in the upper jaw so that it just touches both the side of the Anvil and the sliding block when the jaws are closed (Fig. 2).

As illustrated in the progressive pictures above, single loops or hooks are made by placing the spring between the open jaws of the HOOK-KON so that the corner of the Anvil comes between the first and second coils of the spring (Fig. 3). In this way only the end coil of the spring will rest on the top of the Anvil. Close jaws until the "V"-notch of the forming punch rests astride the first full coil.

The position of the end of the wire will determine the type of single hook or loop to be formed. If a "full loop" is desired, position the spring so that the end of the wire is immediately adjacent to or touching the side of the punch (Fig. 4). For an open "hook" the end of the wire should be a quarter turn away from the punch.

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